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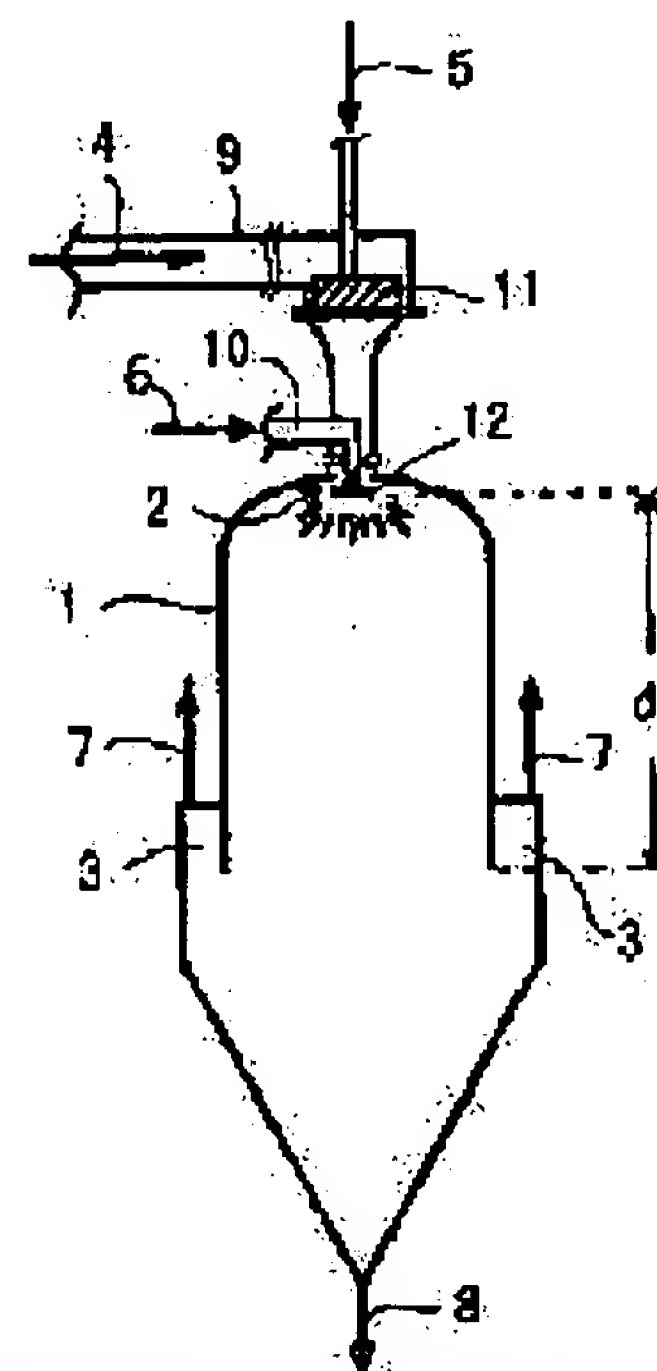
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(54) PRODUCTION OF DRIED POWDER CONTAINING LIPOPHILIC VITAMIN AND/OR CAROTENOID

(57)Abstract:

PROBLEM TO BE SOLVED: To relate to the process for producing dried powder containing lipophilic vitamins and/or carotenoids that can produce the powder of well regulated forms in a short time and enables the production apparatus to be miniaturized and simplified.

SOLUTION: In the spray tank in which the gas containing a particle-coating agent dispersed is introduced from the upper part toward the lower part, a dispersed emulsion of lipophilic vitamins and/or carotenoids in a gelatin aqueous solution is sprayed downward so that the liquid particles of the dispersed emulsion are coated with the particle coating agent to form substantially gelatinized fine particles followed by drying the fine particles. The gas in which the coating agent is dispersed has a dew point of $\leq 10^{\circ}\text{C}$ and is kept at $30\text{-}70^{\circ}\text{C}$, when it is introduced into the spraying chamber 1.



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